

## SEQUENCE LISTING

&lt;110&gt; Matsumoto, Hirokazu

&lt;110&gt; Kitada, Chieko

&lt;110&gt; Hinuma, Shuji

&lt;120&gt; ANTIBODY AND USE THEREOF

&lt;130&gt; 2523USOP

&lt;150&gt; PCT/JP99/02650

&lt;150&gt; 1999-05-20

&lt;150&gt; JP 10-140293

&lt;151&gt; 1998-5-21

&lt;160&gt; 13

&lt;210&gt; 1

&lt;211&gt; 31

&lt;212&gt; PRT

&lt;213&gt; Bovine

&lt;223&gt; Xaa means Phe-NH2

&lt;400&gt; 1

Ser	Arg	Ala	His	Gln	His	Ser	Met	Glu	Ile	Arg	Thr	Pro	Asp	Ile	Asn
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Pro	Ala	Trp	Tyr	Ala	Gly	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Xaa
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&lt;210&gt; 2

&lt;211&gt; 31

&lt;212&gt; PRT

&lt;213&gt; Human

&lt;223&gt; Xaa means Phe-NH2

&lt;400&gt; 2

Ser	Arg	Thr	His	Arg	His	Ser	Met	Glu	Ile	Arg	Thr	Pro	Asp	Ile	Asn
				5					10					15	

Pro	Ala	Trp	Tyr	Ala	Ser	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Xaa
			20					25					30	

&lt;210&gt; 3

&lt;211&gt; 31

<212> PRT

<213> Rat

<223> Xaa means Phe-NH2

<400> 3

Ser	Arg	Ala	His	Gln	His	Ser	Met	Glu	Thr	Arg	Thr	Pro	Asp	Ile	Asn
				5					10					15	
Pro	Ala	Trp	Tyr	Thr	Gly	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Xaa	
			20					25					30		

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<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 4

Pro	Ala	Trp	Tyr	Ala	Ser	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Xaa
				5					10					15

<210> 5

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<213> Human

<223> Xaa means Phe-NH2

<400> 5

Thr	Pro	Asp	Ile	Asn	Pro	Ala	Trp	Tyr	Ala	Ser	Arg	Gly	Ile	Arg	Pro
				5					10					15	
Val	Gly	Arg	Xaa												
			20												

<210> 6

<211> 15

<212> PRT

<213> Human

<223> Xaa on the 1st position means Ac-Pro, Xaa on the 4th position means Tyr(Ac), and Xaa on the 15th position means Phe-NH2

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Xaa	Ala	Trp	Xaa	Ala	Ser	Arg	Gly	Ile	Arg	Pro	Val	Gly	Arg	Xaa
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<211> 33

<212> PRT

<213> Bovine

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5 10 15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly  
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Arg

<210> 9

<211> 31

<212> PRT

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<223> Xaa means Phe-NH2

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5 10 15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe  
20 25 30

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<213> Human

<223> Xaa means Arg-NH2

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Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn  
5 10 15

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Xaa  
20 25 30

<210> 11

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<212> PRT

<213> Human

<223> Xaa means Cys-NH2

<400> 11

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<210> 12

<211> 20

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH2

<400> 12

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro  
5 10 15

Val Gly Arg Xaa  
20

<210> 13

<211> 20

<212> PRT

<213> Rat

<223> Xaa means Phe-NH2

<400> 13

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro  
5 10 15

Val Gly Arg Xaa  
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## SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> Antibody and its use

<130> A98081

<150> JP 10-140293

<151> 1998-5-21

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<213> Bovine

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<400> 1

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

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Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa

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<210> 2

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH<sub>2</sub>

<400> 2

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Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

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<210> 3

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<223> Xaa means Phe-NH<sub>2</sub>

<400> 3

Ser Arg Ala His Gln His Ser Met Glu Thr Arg Thr Pro Asp Ile Asn

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Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa

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25

30

<210> 4

<211> 15

<212> PRT

<213> Human

<223> Xaa means Phe-NH<sub>2</sub>

<400> 4

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

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15

<210> 5

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<212> PRT

<213> Human

<223> Xaa means Phe-NH<sub>2</sub>

<400> 5

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Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro

5

10

15

Val Gly Arg Xaa

20

&lt;210&gt; 6

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Human

<223> Xaa on the 1st position means Ac-Pro, Xaa on the 4th position means Tyr (Ac),  
and Xaa on the 15th position means Phe-NH<sub>2</sub>

&lt;400&gt; 6

Xaa Ala Trp Xaa Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

5

10

15

&lt;210&gt; 7

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Human

<223> Xaa means Phe-NH<sub>2</sub>

&lt;400&gt; 7

Cys Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

5

10

15

&lt;210&gt; 8

&lt;211&gt; 33

&lt;212&gt; PRT

&lt;213&gt; Bovine

&lt;400&gt; 8

"FOOED" 41500260

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly

20

25

30

Arg

<210> 9

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH<sub>2</sub>

<400> 9

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe

20

25

30

<210> 10

<211> 30

<212> PRT

<213> Human

<223> Xaa means Arg-NH<sub>2</sub>

<400> 10

Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

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Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Xaa

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25

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<210> 11

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<211> 14

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<213> Human

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<400> 11

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<210> 12

<211> 20

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH<sub>2</sub>

<400> 12

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro

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10

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Val Gly Arg Xaa

20

<210> 13

<211> 20

<212> PRT

<213> Rat

<223> Xaa means Phe-NH<sub>2</sub>

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Val Gly Arg Xaa

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